

REMARKS

In the Official Action mailed on **4 August 2006**, the Examiner reviewed claims 1-21. Claims 1-21 were rejected under 35 U.S.C. §102(e) as being anticipated by Chaudhry et al (USPub 2005/0081195, hereinafter “Chaudhry”).

Rejections under 35 U.S.C. §102(e)

Independent claims 1, 10, and 19 were rejected as being anticipated by Chaudhry. Applicant respectfully points out that Chaudhry teaches **always returning to execute-ahead mode** after a pass through the deferred buffer in deferred-execution mode **if the deferred buffer is not empty** (see Chaudhry, paragraph [0041]).

In contrast, the present invention determines if the amount of work accomplished during execute-ahead mode exceeds a predetermined threshold, and if so, **waits for the deferred buffer to empty**, and then **returns to normal execution mode** (see paragraphs [0040] and [0043] of the instant application). This is beneficial because it provides a technique for dynamically adjusting the aggressiveness of the processor. There is nothing within Chaudhry, either explicit or implicit, which suggests determining if the amount of work accomplished during execute-ahead mode exceeds a predetermined threshold, and if so, waiting for the deferred buffer to empty, and then returning to normal execution mode.

Accordingly, Applicant has amended independent claims 1, 10, and 19 to clarify that the present invention determines if the amount of work accomplished during execute-ahead mode exceeds a predetermined threshold, and if so, waits for the deferred buffer to empty, and then returns to normal execution mode. These amendments find support in paragraphs [0040] and [0043] of the instant application

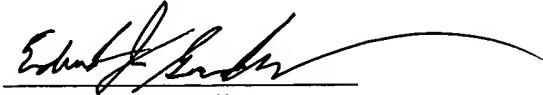
Hence, Applicant respectfully submits that independent claims 1, 10, and 19 as presently amended are in condition for allowance. Applicant also

submits that claims 2-9, which depend upon claim 1, claims 11-18, which depend upon claim 10, and claims 20-21, which depend upon claim 19, are for the same reasons in condition for allowance and for reasons of the unique combinations recited in such claims.

CONCLUSION

It is submitted that the present application is presently in form for allowance. Such action is respectfully requested.

Respectfully submitted,

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